

In the Claims:

Please replace claims 1, 22, and 30 with these amended claims.

1. A home gateway system comprising:

a transceiver, having a multiplexer, attached to a building, capable of establishing a wireless local loop point to point link to a geographically separated, non-mobile base station which is attached to the PSTN;

a voice processing system coupled to the transceiver, the voice processing system capable of storing a message from an incoming call;

a conference call bridge; and

a caller identification processing system coupled to the transceiver, the caller identification processing system determining a telephone number of the incoming call and routing the incoming call to the voice processing system if the telephone number belongs to a screened group of telephone numbers.

22. A home gateway system comprising:

a switch connected to an external telephony channel and an internal telephony channel; *alternative selection 112^{2nd}*

C2 a processor, capable of performing a derived lines process, connected to the switch, the processor sending and receiving messages from the switch;

a conference call bridge connected to the switch; and

a caller identification system receiving an identify query from the processor.

SUB
D2
30. A home gateway system comprising:

a wireless transceiver, having a multiplexer, attached to a home, capable of establishing a wireless local loop point to point link with a geographically separated, non-mobile base station;

a switch connected to a demodulated output of the wireless transceiver;

a processor connected to the switch receiving a query from the switch and sending a response to the switch;

a smart card interface connected to the processor, the smart card interface capable of receiving a setup instructions from a smart card;

a voice processing system connected to the processor, the voice processing system including a voice mail system, a voice recognition system, a speaker verification system and a speech synthesis system;

a caller identification system connected to the processor, the caller identification system coupled to a display;

a conference call bridge connected to the switch;

a router connected to the switch, capable of routing a computer data among a computer devices and onto a telephony network;

a home automation and security system, capable of sending and receiving a messages through the router or the telephony network; and

a television processing system connected to the router and receiving a television signal, the television processing system capable of sending an information to a television.